KARNATAKA TEST HOUSE PVT. LTD.

MATERIAL TESTING LABORATORY

778/44, Gokul 1st Stage, 2nd Phase, 8th Cross, Triveni Road,
Yeshwanthpur, Bangalore - 560 054.
Tel.: 23378383 Telefax : 23375326, E-mail : kthblr@gmail.com Website : www.karnatakatesthouse.com

Report No. : KTH/WMM/321-424/2013-2014 **Date: 24.05.2013**

TEST REPORT ON WET MIX MACADAM

Name of the Customer* : **The Assistant Executive Engineer,**
Vidhyaranyapura Sub Division,
BBMP, Bangalore – 560 097.

Name of the Project* : Improvements to Cross Roads and Drains at Venkatagiri Layout in Ward No.10, Doddabommasandra.

Name of Contractor* : M/s. Jai Maruthi Constructions.

Source of Sample : Supplied by the Contractor.

Sample Received on : 22.05.2013.

Technical Reference : MORT&H Specification (Fourth revision)

SIEVE ANALYSIS

Sl. No.	Sieve size mm	% Passing (Obtained gradation)	Specification as per MORT&H (Section 400, Table 400-11) % by wt. passing	Remarks
1	53	100	100	Sample confirms to Specification as per MORT&H (Section 400, Table 400-11)
2	45	96.3	95-100	
3	26.5	71.4	-	
4	22.4	62.8	60-80	
5	11.2	42.3	40-60	
6	4.75	25.9	25-40	
7	2.36	18.2	15-30	
8	0.60	9.0	8-22	
9	0.075	0.6	0-8	

Sl. No.	Test Conducted	Results In %	Specification as per MORT&H (Section 400, Table 400-11) % by wt. passing
1.	Combined Flakiness Index Elongation Index	18.34	Shall not be more than 30%
2.	Impact Value (%)	22.17	Shall not be more than 30%

* As furnished by the customer.

For **KARNATAKA TEST HOUSE PVT. LTD.**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ. ಬೆಂಗಳೂರು-97

(SREENIVASA.C.)
TECHNICAL MANAGER

Note : 1) This report is not to be reproduced except in full without our prior permission in writing.
2) The results listed refer only to the tested samples and applicable parameters.

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Report No.: KTH/BITU/321-425/2013-2014 **Date: 29.05.2013**

TEST REPORT ON SEMI DENSE BITUMINOUS CONCRETE (SDBC)

Name of the Customer* : **The Assistant Executive Engineer,**
Vidhyaranyapura Sub Division,
BBMP, Bangalore – 560 097.

Name of the Project* : Improvements to Cross Roads and Drains at Venkatagiri Layout in Ward No. 10, Doddabommasandra.

Name of Contractor* : M/s. Jai Maruthi Constructions.

Source of Sample : Supplied by the Contractor.

Sample Received on : 28.05.2013.

Technical Reference : IS 73 :1992 (Reaffirmed-1998) and MORT&H- Specification 4th Revision

a) Gradation for Semi Dense Bituminous Concrete (SDBC)

Sl. No.	Sieve size mm	% Passing	Specification as per MORT&H (Section 500, Table 500-15) Grade-2 % by wt. passing	Remarks
1	13.2	100	100	Sample confirms to Grade-2 Specification as per MORT&H (Section 500, Table 500-15)
2	9.50	91.6	90 - 100	
3	4.75	43.1	35 – 51	
4	2.36	25.2	24 – 39	
5	1.18	16.7	15 – 30	
6	0.60	13.6	-	
7	0.30	10.3	9 – 19	
8	0.15	6.2	-	
9	0.075	3.7	3 – 8	

b) Bitumen Content of Semi Dense Bituminous Concrete (SDBC)

Sl. No.	Description	Test Values	Remarks
1	Weight of Bitumen mix	985 grams	Bitumen content min 5.0% as per MORT&H Specification
2	Weight of aggregate after extraction of bitumen	935 grams	
3	Weight of Bitumen	50 grams	
4	Bitumen content %	5.08 %	

*As furnished by the customer.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರಿಗೆ
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ.

For **KARNATAKA TEST HOUSE PVT. LTD.**

(SREENIVASA.C.)
TECHNICAL MANAGER

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